

TOP SECRET

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[REDACTED]
M/EB 243/63
13 June 1963
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MEMORANDUM FOR: Chief, Military-Economics Division, ORR

ATTENTION: [REDACTED]

FROM: Chief, CIA/PID (NPIC)

SUBJECT: Mensuration of Structures Near Soviet Static Test Facilities

REFERENCES: (a) Requirement RR/98/63
(b) CIA/PID Project C 579-63

1. This memorandum is in response to your requirement dated 30 April 1963 requesting machine mensuration of five specified structures at installations near five Soviet static test facilities in order to provide a check on previously computed measurements of the test facilities.

2. Since a check of this nature would be valid only by using the same mission and pass as was used in determining the previously computed measurements, some difficulties were experienced in taking measurements which would be of value. Four of the five structures specified to be measured are located in highly industrialized areas with a great deal of smoke and haze obscuring the structure. In addition, the quality of the photography varied from one area to another on a single frame to further diminish the value of such a check. The following is a resume of the results of this exercise on the five specified structures to be mensurated:

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- a. Omsk Thermal Electric Station (height of boiler house), [REDACTED]
Structure completely obscured by smoke.
- b. Stavropol' Transformer Plant (height of highest and lowest bays), [REDACTED]
Structure obscured by smoke and haze. Quality of photography varies from this area to Kuzmoch static test area.
- c. Krasnoyarsk Thermal Electric Station (height of boiler house), [REDACTED]
Structure obscured by smoke and haze.
- d. Perm Thermal Electric Station (height of boiler house), [REDACTED]
Structure obscured by smoke and haze.
- e. Dnepropetrovsk Tire Plant (height of main plant and high bays), [REDACTED]
Quality comparable to that at the DAZ static test facility although the heights of the high and low bays could not be determined due to overlapping shadows. Main plant area -- 1125 x 535 [REDACTED] Administrative section -- 500 x 105.

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3. The photo analyst on this project is [REDACTED] and he may be
contacted on extension [REDACTED] should you have any further questions concerning
this project.

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4. This project is considered to be complete.

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